

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("20010028677").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 18:07
S2	91	("20050152486" "6370397" "7058399" "20040132443" "6771690" "20020122470" "5648983" "7161974" "7167507" "20030053525" "20040001426" "20050111598" "6233273" "6690715" "20010036223" "6829290" "6831956" "6954644" "6980803" "7061967" "20020068567" "20020072370" "20030235238" "6026115" "20050276314" "5694388" "20030227960" "20050013348" "20050129105" "20050180493" "20070041430" "5572552" "5809058" "5889827" "5237586" "5289499" "5394435" "5442661" "5506861" "5719899" "6034986" "6064338" "6252899" "6252918" "6292519" "6363104" "6370184" "6385181" "6603827" "6618433"). pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 17:31

EAST Search History

S3	91	<p>(US-20010036223-\$ or US-20020068567-\$ or US-20020072370-\$ or US-20020122470-\$ or US-20030053525-\$ or US-20030227960-\$ or US-20030235238-\$ or US-20040001426-\$ or US-20040132443-\$ or US-20050013348-\$ or US-20050111598-\$ or US-20050129105-\$ or US-20050152486-\$ or US-20050180493-\$ or US-20050276314-\$ or US-20070041430-\$).did. or (US-5237586-\$ or US-5289499-\$ or US-5394435-\$ or US-5442661-\$ or US-5506861-\$ or US-5572552-\$ or US-5648983-\$ or US-5694388-\$ or US-5719899-\$ or US-5809058-\$ or US-5889827-\$ or US-6026115-\$ or US-6034986-\$ or US-6064338-\$ or US-6233273-\$ or US-6252918-\$ or US-6252899-\$ or US-6292519-\$ or US-6363104-\$ or US-6370397-\$ or US-6370184-\$ or US-6385181-\$ or US-6603827-\$ or US-6618433-\$ or US-6690715-\$ or US-6771690-\$). did. or (US-6829290-\$ or US-6831956-\$ or US-6954644-\$ or US-6980803-\$ or US-7058399-\$ or US-7061967-\$ or US-7161974-\$ or US-7167507-\$).did. or (US-5237586-\$ or US-5394435-\$ or GB-2284129-\$ or FR-2715523-\$ or EP-658985-\$ or DE-19615257-\$ or US-5694388-\$ or US-5719899-\$ or EP-825727-\$ or EP-871298-\$ or US-5889827-\$ or JP-11266180-\$ or JP-11274976-\$ or US-6034986-\$ or EP-1065793-\$ or US-6292519-\$ or EP-674823-\$ or EP-605119-\$ or US-20010036223-\$ or WO-200213491-\$ or US-6363104-\$ or US-6370184-\$ or US-6370397-\$ or US-20020068567-\$ or US-20020072370-\$ or US-20020122470-\$).did. or (EP-1276248-\$ or WO-2003021805-\$ or WO-2003023988-\$ or US-20030227960-\$ or US-20030235238-\$ or US-20040001426-\$ or US-6829290-\$ or US-6831956-\$ or US-20050111598-\$ or US-20050129105-\$ or US-20050152486-\$ or </p>	US-PGPUB; USPAT; DERWENT	OR	ON	2007/03/14 17:31
3/14/2007 8:53:31 PM		US-20050111598-\$ or US-20050129105-\$ or US-20050152486-\$ or			Page 2	

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S4	1	S3 and (noise near3 variance) and (cyclostationary)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 17:33
S5	1	rake and (noise near3 variance) and (cyclostationary)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 17:42
S6	16	rake and (cyclostationary)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 17:33
S7	7	S6 and @pd<"20040109"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 17:42
S8	31	(noise near3 variance) and (cyclostationary)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 17:42
S9	15	S8 and @pd<"20040109"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 17:46
S10	65	S3 and @pd<"20040109"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 17:46
S11	1	S10 and (position or location) and (MSE or (mean near2 square near error))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 17:47
S12	1	(US-6618433-\$).did.	USPAT	OR	ON	2007/03/14 17:48

EAST Search History

S13	3	S10 and (location or position) and (recursive or loop) and (MSE or (mean near2 square near2 error))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 17:53
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EAST Search History

S14	91	<p>(US-20010036223-\$ or US-20020068567-\$ or US-20020072370-\$ or US-20020122470-\$ or US-20030053525-\$ or US-20030227960-\$ or US-20030235238-\$ or US-20040001426-\$ or US-20040132443-\$ or US-20050013348-\$ or US-20050111598-\$ or US-20050129105-\$ or US-20050152486-\$ or US-20050180493-\$ or US-20050276314-\$ or US-20070041430-\$).did. or (US-5237586-\$ or US-5289499-\$ or US-5394435-\$ or US-5442661-\$ or US-5506861-\$ or US-5572552-\$ or US-5648983-\$ or US-5694388-\$ or US-5719899-\$ or US-5809058-\$ or US-5889827-\$ or US-6026115-\$ or US-6034986-\$ or US-6064338-\$ or US-6233273-\$ or US-6252918-\$ or US-6252899-\$ or US-6292519-\$ or US-6363104-\$ or US-6370397-\$ or US-6370184-\$ or US-6385181-\$ or US-6603827-\$ or US-6618433-\$ or US-6690715-\$ or US-6771690-\$). did. or (US-6829290-\$ or US-6831956-\$ or US-6954644-\$ or US-6980803-\$ or US-7058399-\$ or US-7061967-\$ or US-7161974-\$ or US-7167507-\$).did. or (US-5237586-\$ or US-5394435-\$ or GB-2284129-\$ or FR-2715523-\$ or EP-658985-\$ or DE-19615257-\$ or US-5694388-\$ or US-5719899-\$ or EP-825727-\$ or EP-871298-\$ or US-5889827-\$ or JP-11266180-\$ or JP-11274976-\$ or US-6034986-\$ or EP-1065793-\$ or US-6292519-\$ or EP-674823-\$ or EP-605119-\$ or US-20010036223-\$ or WO-200213491-\$ or US-6363104-\$ or US-6370184-\$ or US-6370397-\$ or US-20020068567-\$ or US-20020072370-\$ or US-20020122470-\$).did. or (EP-1276248-\$ or WO-2003021805-\$ or WO-2003023988-\$ or US-20030227960-\$ or US-20030235238-\$ or US-20040001426-\$ or US-6829290-\$ or US-6831956-\$ or US-20050111598-\$ or US-20050129105-\$ or US-20050152486-\$ or </p>	US-PGPUB; USPAT; DERWENT	OR	ON	2007/03/14 18:08
3/14/2007 8:53:31 PM	C:\Documents and Settings\Adsoouza\My Documents\EAST\Workspaces\10754340.wsp				Page 5	

EAST Search History

S15	65	S14 and @pd<"20040109"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 18:17
S16	2	S15 and (terminat\$5 or ended or stop\$4) and ((design near2 criteri\$\$) or (MSE) or (mean naear2 square))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 18:09
S17	4	S15 and ((tap or coefficient) same (location or position))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 18:18
S18	2094	(rake or cdma) and ((tap or coefficient) same (location or position))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 18:17
S19	1294	S18 and @pd<"20040109"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 18:42
S20	580	S19 and ((tap or coefficient) with (location or position))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 18:31
S21	173	S20 and (iterat\$5 or recursiv\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 18:18
S22	92	S21 and (MSE or SNR)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 18:20

EAST Search History

S23	23	S22 and (tap near4 (location or position))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 18:20
S24	14	S22 and ((tap or coefficient) with ((SNR or (signal near2 noise near2 ratio)) or (MSe or (mean near2 square near2 error))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 18:33
S25	81	S19 and (predetermined near4 (criteri\$\$ or condition))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 18:37
S26	81	S25 and (rake or cdma) and (location or position)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 18:38
S27	0	S26 and (terminated near3 early)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 18:39
S28	0	S15 and ("2x" near3 oversampling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 18:40
S29	3	S15 and oversampling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 18:42
S30	78	(cdma or rake) and (oversampling near6 "2")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 18:42

EAST Search History

S31	30	S30 and @pd<"20040109"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 19:02
S32	1	(US-6345069-\$).did.	USPAT	OR	ON	2007/03/14 18:45
S33	0	S15 and ((tap or coefficient) near4 (location or position)) and (recursive) and (noise near3 covariance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 19:01
S34	0	S15 and ((location or position)) and (recursive) and (noise near3 covariance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 19:00
S35	1	S15 and (recursive) and (noise near3 covariance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 19:01
S36	5	((tap or coefficient) near4 (location or position)) and (recursive) and (noise near3 covariance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 19:01
S37	1	S36 and @pd<"20040109"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 19:03
S38	238	((subtract or difference) with (MSE or SNR)) and (cdma or rake)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 19:02
S39	88	S38 and @pd<"20040109"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 19:06

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S40	13	S39 and (noise near3 variance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 19:06
S41	0	S40 and (recursive near3 noise near3 variance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 19:04
S42	17	recursive with (noise near3 variance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 19:06
S43	8	S42 and @pd<"20040109"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 19:14
S44	2	(approximate near3 recursive) and (cdma or rake)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 19:13
S45	89	(rake or cdma) and (interference near3 (estimation or calculation)) and autocorrelation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 19:14
S47	11	(interference near3 (estimation or calculation)) same autocorrelation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 19:23
S48	11	S47 and interference and autocorrelation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 19:23

EAST Search History

S49	29	S45 and @pd<"20040109"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 19:28
S50	1	(US-6285861-\$).did.	USPAT	OR	ON	2007/03/14 20:06
S51	1	(number near4 autocorrelation) with (larger or greater) with (interference)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 20:08

EAST Search History

S52	91	<p>(US-20010036223-\$ or US-20020068567-\$ or US-20020072370-\$ or US-20020122470-\$ or US-20030053525-\$ or US-20030227960-\$ or US-20030235238-\$ or US-20040001426-\$ or US-20040132443-\$ or US-20050013348-\$ or US-20050111598-\$ or US-20050129105-\$ or US-20050152486-\$ or US-20050180493-\$ or US-20050276314-\$ or US-20070041430-\$).did. or (US-5237586-\$ or US-5289499-\$ or US-5394435-\$ or US-5442661-\$ or US-5506861-\$ or US-5572552-\$ or US-5648983-\$ or US-5694388-\$ or US-5719899-\$ or US-5809058-\$ or US-5889827-\$ or US-6026115-\$ or US-6034986-\$ or US-6064338-\$ or US-6233273-\$ or US-6252918-\$ or US-6252899-\$ or US-6292519-\$ or US-6363104-\$ or US-6370397-\$ or US-6370184-\$ or US-6385181-\$ or US-6603827-\$ or US-6618433-\$ or US-6690715-\$ or US-6771690-\$). did. or (US-6829290-\$ or US-6831956-\$ or US-6954644-\$ or US-6980803-\$ or US-7058399-\$ or US-7061967-\$ or US-7161974-\$ or US-7167507-\$).did. or (US-5237586-\$ or US-5394435-\$ or GB-2284129-\$ or FR-2715523-\$ or EP-658985-\$ or DE-19615257-\$ or US-5694388-\$ or US-5719899-\$ or EP-825727-\$ or EP-871298-\$ or US-5889827-\$ or JP-11266180-\$ or JP-11274976-\$ or US-6034986-\$ or EP-1065793-\$ or US-6292519-\$ or EP-674823-\$ or EP-605119-\$ or US-20010036223-\$ or WO-200213491-\$ or US-6363104-\$ or US-6370184-\$ or US-6370397-\$ or US-20020068567-\$ or US-20020072370-\$ or US-20020122470-\$).did. or (EP-1276248-\$ or WO-2003021805-\$ or WO-2003023988-\$ or US-20030227960-\$ or US-20030235238-\$ or US-20040001426-\$ or US-6829290-\$ or US-6831956-\$ or </p>	US-PGPUB; USPAT; DERWENT	OR	ON	2007/03/14 20:36
3/14/2007 8:53:31 PM		US-20050111598-\$ or US-20050129105-\$ or US-20050152486-\$ or			Page 11	

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S53	65	S52 and @pd<"20040109"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 20:37
S54	4	S53 and ((tap or coefficient) near5 (location or position))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 20:38

EAST Search History

S55	91	<p>(US-20010036223-\$ or US-20020068567-\$ or US-20020072370-\$ or US-20020122470-\$ or US-20030053525-\$ or US-20030227960-\$ or US-20030235238-\$ or US-20040001426-\$ or US-20040132443-\$ or US-20050013348-\$ or US-20050111598-\$ or US-20050129105-\$ or US-20050152486-\$ or US-20050180493-\$ or US-20050276314-\$ or US-20070041430-\$).did. or (US-5237586-\$ or US-5289499-\$ or US-5394435-\$ or US-5442661-\$ or US-5506861-\$ or US-5572552-\$ or US-5648983-\$ or US-5694388-\$ or US-5719899-\$ or US-5809058-\$ or US-5889827-\$ or US-6026115-\$ or US-6034986-\$ or US-6064338-\$ or US-6233273-\$ or US-6252918-\$ or US-6252899-\$ or US-6292519-\$ or US-6363104-\$ or US-6370397-\$ or US-6370184-\$ or US-6385181-\$ or US-6603827-\$ or US-6618433-\$ or US-6690715-\$ or US-6771690-\$). did. or (US-6829290-\$ or US-6831956-\$ or US-6954644-\$ or US-6980803-\$ or US-7058399-\$ or US-7061967-\$ or US-7161974-\$ or US-7167507-\$).did. or (US-5237586-\$ or US-5394435-\$ or GB-2284129-\$ or FR-2715523-\$ or EP-658985-\$ or DE-19615257-\$ or US-5694388-\$ or US-5719899-\$ or EP-825727-\$ or EP-871298-\$ or US-5889827-\$ or JP-11266180-\$ or JP-11274976-\$ or US-6034986-\$ or EP-1065793-\$ or US-6292519-\$ or EP-674823-\$ or EP-605119-\$ or US-20010036223-\$ or WO-200213491-\$ or US-6363104-\$ or US-6370184-\$ or US-6370397-\$ or US-20020068567-\$ or US-20020072370-\$ or US-20020122470-\$).did. or (EP-1276248-\$ or WO-2003021805-\$ or WO-2003023988-\$ or US-20030227960-\$ or US-20030235238-\$ or US-20040001426-\$ or US-6829290-\$ or US-6831956-\$ or US-20050111598-\$ or US-20050129105-\$ or US-20050152486-\$ or </p>	US-PGPUB; USPAT; DERWENT	OR	ON	2007/03/14 20:43
3/14/2007 8:53:31 PM		US-20050111598-\$ or US-20050129105-\$ or US-20050152486-\$ or			Page 13	

EAST Search History

S56	65	S55 and @pd<"20040109"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 20:43
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IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

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 1. **A generalized RAKE receiver for interference suppression**

 Bottomley, G.E.; Ottosson, T.; Wang, Y.-P.E.;
Selected Areas in Communications, IEEE Journal on
 Volume 18, Issue 8, Aug. 2000 Page(s):1536 - 1545
 Digital Object Identifier 10.1109/49.864017

[Abstract](#) | [Full Text: PDF\(248 KB\)](#) [IEEE JNL](#)
[Rights and Permissions](#)
 2. **Low Complexity Parameter Estimation for the Multi-antenna Generalized**

 Fulghum, T.; Cairns, D.; Bottomley, G.E.; Cozzo, C.;
Vehicular Technology Conference, 2006. VTC 2006-Spring. IEEE 63rd
 Volume 4, 2006 Page(s):1874 - 1878
 Digital Object Identifier 10.1109/VETECS.2006.1683172

[Abstract](#) | [Full Text: PDF\(4096 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)
 3. **Low complexity parameter estimation for the generalized RAKE receiver**

 Cairns, D.A.; Bottomley, G.E.; Wang, Y.-P.E.;
Digital Signal Processing Workshop, 2004 and the 3rd IEEE Signal Processing
Workshop, 2004 IEEE 11th
 1-4 Aug. 2004 Page(s):191 - 195
 Digital Object Identifier 10.1109/DSPWS.2004.1437940

[Abstract](#) | [Full Text: PDF\(417 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)
 4. **Rake receiver finger placement for realistic channels**

 Cozzo, C.; Bottomley, G.E.; Khayrallah, A.S.;
Wireless Communications and Networking Conference, 2004. WCNC. 2004 IE
 Volume 1, 21-25 March 2004 Page(s):316 - 321 Vol.1
[Abstract](#) | [Full Text: PDF\(271 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)
 5. **Generalized RAKE receivers for MIMO systems**

 Grant, S.J.; Molnar, K.J.; Bottomley, G.E.;
Vehicular Technology Conference, 2003. VTC 2003-Fall. 2003 IEEE 58th
 Volume 1, 6-9 Oct. 2003 Page(s):424 - 428 Vol.1

[Abstract](#) | [Full Text: PDF\(261 KB\)](#) [IEEE CNF](#)

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- 6. **A generalized RAKE receiver for DS-CDMA systems**
Bottomley, G.E.; Ottosson, T.; Wang, Y.-P.E.;
Vehicular Technology Conference Proceedings, 2000. VTC 2000-Spring Tokyo, Japan, Volume 2, 15-18 May 2000 Page(s):941 - 945 vol.2
Digital Object Identifier 10.1109/VETECS.2000.851263
[Abstract](#) | [Full Text: PDF\(416 KB\)](#) | [IEEE CNF](#)
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- 7. **Optimizing the performance of limited complexity RAKE receivers**
Bottomley, G.E.; Sourour, E.; Ramesh, R.; Chennakeshu, S.;
Vehicular Technology Conference, 1998. VTC 98, 48th IEEE San Antonio, TX, USA, Volume 2, 18-21 May 1998 Page(s):968 - 972 vol.2
Digital Object Identifier 10.1109/VETEC.1998.686384
[Abstract](#) | [Full Text: PDF\(456 KB\)](#) | [IEEE CNF](#)
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- 8. **Optimizing the RAKE receiver for the CDMA downlink**
Bottomley, G.E.;
Vehicular Technology Conference, 1993 IEEE 43rd San Antonio, TX, USA, 18-20 May 1993 Page(s):742 - 745
Digital Object Identifier 10.1109/VETEC.1993.508798
[Abstract](#) | [Full Text: PDF\(384 KB\)](#) | [IEEE CNF](#)
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